

## Sunset Vista

by Arya Akhavan (November 2012)

Angles for R.I. = 1.610

73 + 16 girdles = 89 facets

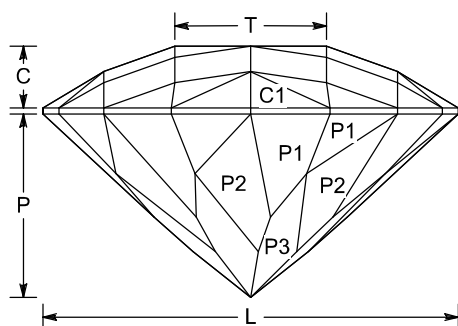
4-fold, mirror-image symmetry

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L/W = 1.000 T/W = 0.365 U/W = 0.365

P/W = 0.441 C/W = 0.148

Vol./W<sup>3</sup> = 0.191



### PAVILION

P1	44.49°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to centerpoint.
G1	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set stone size.
P2	42.50°	02-14-26-38-50-62-74-86	Meet P1, G1
P3	40.50°	04-16-28-40-52-64-76-88	Meet P1, P2

### CROWN

C1	31.36°	03-21-27-45-51-69-75-93	Set girdle width.
C2	32.56°	09-15-33-39-57-63-81-87	Level girdle.
C3	29.57°	04-20-28-44-52-68-76-92	Meet G1, C1, C2
C4	26.64°	12-36-60-84	Meet G1, C2
C5	21.00°	06-18-30-42-54-66-78-90	Meet C1, C3; C2, C3, C4
C6	11.74°	12-36-60-84	Meet C4, C5
T	0.00°	Table	Meet C5, C6

I've been on a bit of a checker slump lately. This particular design kept failing until I just threw in some radial symmetry. It turned out pretty nice, with some interesting radial symmetry, with great tilt performance! It's also intended to be used for shallower nodules of tourmaline, and should work great there as well. I prefer this cut in sunset tourmaline, but works in materials from topaz to rutile (RI = 1.61 - 2.62) with no changes.

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